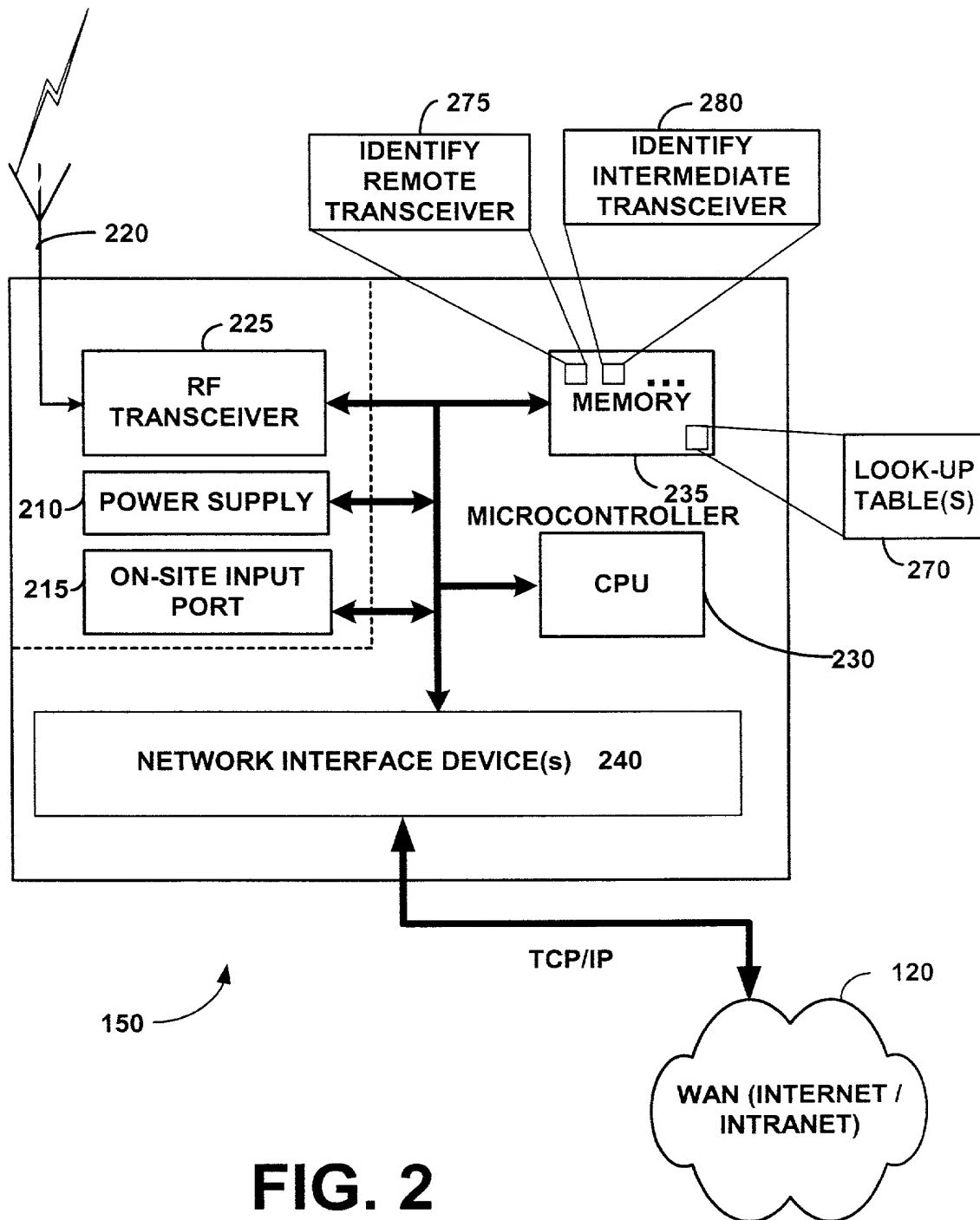
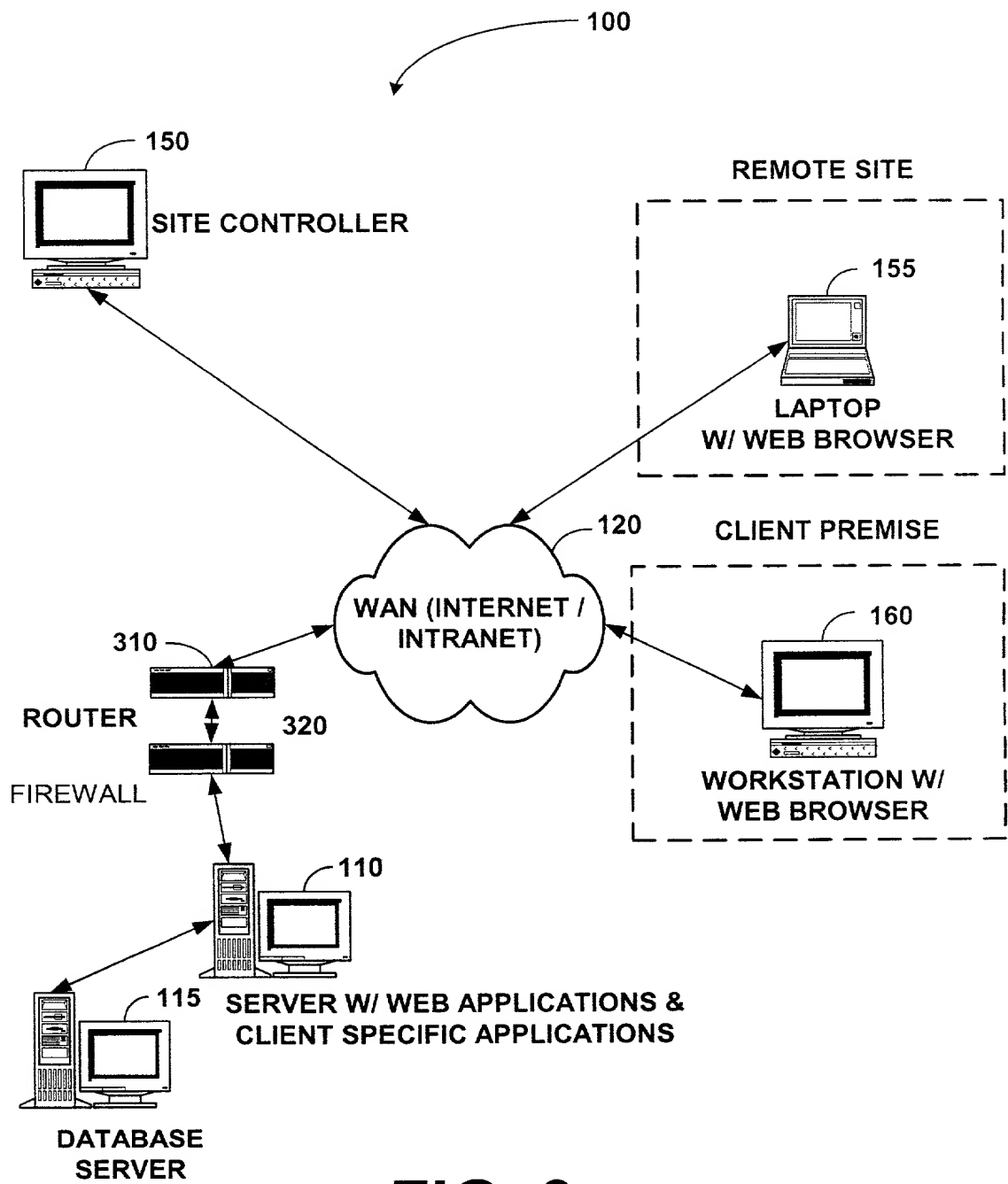


FIG. 1

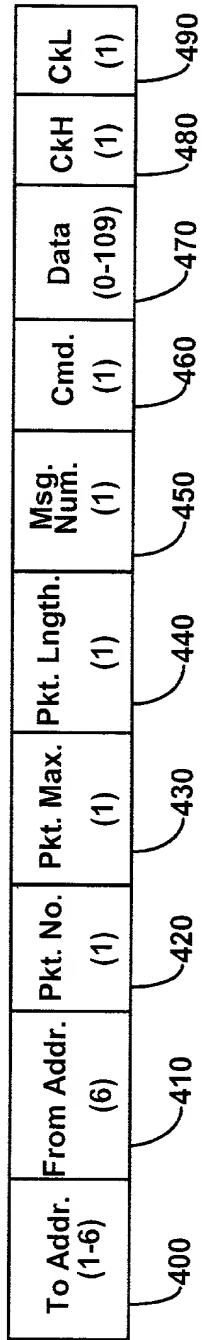


**FIG. 2**



**FIG. 3**

FIG. 4 Message Structure



106080 98252550

<b><u>"To Address"</u></b>		<b><u>- Byte Assignment:</u></b>
<b>MSB - Byte 1</b> <b>Device Type</b>		FF-F0 (16) - Broadcast All Devices (1 Byte Address)
		EF-1F (224) - Device Type Base (2 to 6 Byte Address)
		0F-00 (16) - Personal Transceiver Identification (6 Byte Address)
<b>Byte 2</b> <b>Mfg./Owner</b> <b>ID</b>		FF-F0 (16) - Broadcast all Devices (Byte 1 Type) (2 Byte Broadcast Address)
		EF-00 (240) - Mfg./Owner Code Identification Number
<b>Byte 3</b> <b>Mfg./Owner</b> <b>Extension ID</b>		FF-F0 (16) - Broadcast all Devices (Byte 1 & Byte 2 Type) (3 Byte Broadcast Address)
		EF-00 (240) - Device Type/Mfg./Owner Code ID Number
<b>Byte 4</b>		FF-F0 (16) - Broadcast all Devices (Byte 1 & Byte 2 Type) (4 Byte Broadcast Address)
		EF-00 (240) - ID Number
<b>Byte 5</b>		(FF-00) 256 - Identification Number
<b>Byte 6</b>		(FF-00) 256 - Identification Number

**FIG. 5**

## Sample Messages

Central Server to Personal Transceiver - Broadcast Message - FF (Emergency)

Byte Count = 12

To Addr. (FF)	From Addr. (12345678)	Pkt. No. (00)	Pkt. Max. (00)	Pkt. Lngth. (0C)	Cmd. (FF)	CkH (02)	CkL (9E)
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600

First Transceiver to Repeater (Transceiver)  
Broadcast Message - FF (Emergency)

Byte Count = 17

To Addr. (F0)	From Addr. (12345678)	Pkt. No. (00)	Pkt. Max. (00)	Pkt. Lngth. (11)	Cmd. (FF)		CkH (03)	CkL (A0)
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602

Data  
(A000123456)

Note: Additional Transceiver Re-Broadcasts do not change the message.  
The messages are simply received and re-broadcast.

Message to Device "A0" From Device "E1" Command - "08" (Respond to PING)  
Response will reverse "To" and "From" Addresses

Byte Count = 17

To Addr. (A012345678)	From Addr. (E112345678)	P # (00)	P Max. (00)	P Lngth. (11)	Cmd. (08)	Data (A5)	CkH (04)	CkL (67)
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604

**FIG. 6**

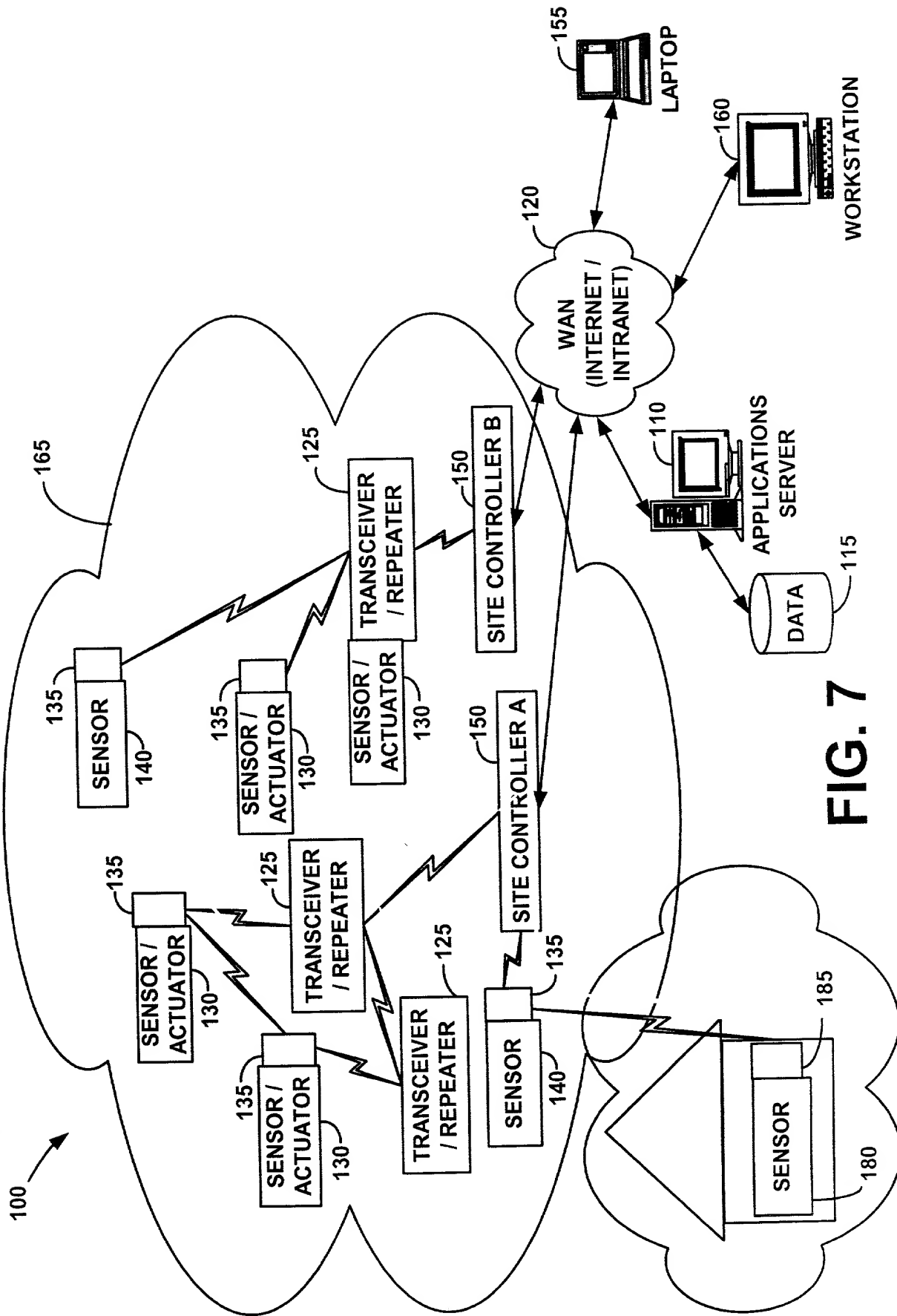


FIG. 7